

**ABSTRACT**

The present invention relates to a method of assigning radio channels to a set of base stations (BS) in a wireless network, in which method one radio channel out of a determined set of radio channels is assigned to each base station (BS). In order for different networks not to interfere with each other, the available radio channels are assigned to the set of base stations (BS) upon manufacture of the base stations (BS) such that each radio channel appears substantially an equal number of times.

10 (Figure 2)